

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER  
**278164US0PCT**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**10/561814**

INTERNATIONAL APPLICATION NO.  
**PCT/JP03/08031**

INTERNATIONAL FILING DATE  
**25 June 2003**

PRIORITY DATE CLAIMED  
**None**

TITLE OF INVENTION

**EXTERNAL PREPARATION FOR IMPROVING COITAL FUNCTION**

APPLICANT(S) FOR DO/EO/US

**Yasumi UCHIDA et al.**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☒ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☐ Express Mail Label No.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|  |   |  |
|--|---|--|
| U.S. APPLICATION NO (if known, see 37 CFR 1.5)<br><div style="font-size: 1.5em; font-weight: bold;">10/561814</div>  | INTERNATIONAL APPLICATION NO.<br><div style="font-weight: bold;">PCT/JP03/08031</div> | ATTORNEY'S DOCKET NUMBER<br><div style="font-weight: bold;">278164US0PCT</div>   |
| 23. Other items or information:<br><div style="display: flex; justify-content: space-between; font-size: 0.8em;"> <div>Application Data Sheet</div> <div>Drawings (7 sheets)</div> <div>PCT/IB/308</div> </div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> <div>PTO-1449</div> <div>References Cited (6)</div> <div>Letter Regarding Claim to Small Entity Status</div> </div> <div style="font-size: 0.8em;">Statement Under 37 CFR 3.73 (b) (with attached copy of Assignment)</div>   |   |  |
| The following fees have been submitted:<br>24. <input checked="" type="checkbox"/> Basic national fee ..... \$300  |   | <div style="display: flex; justify-content: space-between; font-weight: bold; font-size: 0.8em;"> <span>CALCULATIONS</span> <span>PTO USE</span> </div> <div style="display: flex; justify-content: space-between; font-weight: bold;"> <span>\$</span> <span>\$300.00</span> </div> |
| 25. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))<br>If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article<br><div style="display: flex; justify-content: space-between; font-size: 0.8em;"> <span></span> <span>\$0</span> </div> All other situations. .... \$200   |   | <div style="display: flex; justify-content: space-between; font-weight: bold;"> <span>\$</span> <span>\$200.00</span> </div>   |
| 26. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))<br>If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). . . \$0<br>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority. .... \$100<br>International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB. .... \$400<br>All other situations. .... \$500 |   | <div style="display: flex; justify-content: space-between; font-weight: bold;"> <span>\$</span> <span>\$400.00</span> </div>   |
| <b>TOTAL OF 24, 25 and 26 =</b>  |   | <div style="display: flex; justify-content: space-between; font-weight: bold;"> <span>\$</span> <span>\$900.00</span> </div>   |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).<br>The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  |   |  |
| Total Sheets   | Extra Sheets  | Number of each additional 50 or fraction thereof (round up to a whole)   |
| - 100 =  | 0   | /50 =  |
| 0  | 0   | x \$250.00   |
| Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).  |   | <div style="display: flex; justify-content: space-between; font-weight: bold;"> <span>\$</span> <span>\$0.00</span> </div>   |
| CLAIMS   | NUMBER FILED  | NUMBER EXTRA   |
| Total claims   | 16 - 20 =   | 0  |
| Independent claims   | 4 - 3 =   | 1  |
| MULTIPLE DEPENDENT CLAIMS (if applicable) <input checked="" type="checkbox"/>  |   | + \$360.00   |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |   | <div style="display: flex; justify-content: space-between; font-weight: bold;"> <span>\$</span> <span>\$1,460.00</span> </div>   |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.  |   | <div style="display: flex; justify-content: space-between; font-weight: bold;"> <span>\$</span> <span>\$730.00</span> </div>   |
| <b>SUBTOTAL =</b>  |   | <div style="display: flex; justify-content: space-between; font-weight: bold;"> <span>\$</span> <span>\$730.00</span> </div>   |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  |   | <div style="display: flex; justify-content: space-between; font-weight: bold;"> <span>\$</span> <span>\$0.00</span> </div>   |
| <b>TOTAL NATIONAL FEE =</b>  |   | <div style="display: flex; justify-content: space-between; font-weight: bold;"> <span>\$</span> <span>\$730.00</span> </div>   |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +  |   | <div style="display: flex; justify-content: space-between; font-weight: bold;"> <span>\$</span> <span>\$0.00</span> </div>   |
| <b>TOTAL FEES ENCLOSED =</b>   |   | <div style="display: flex; justify-content: space-between; font-weight: bold;"> <span>\$</span> <span>\$730.00</span> </div>   |
|  |   | Amount to be   |
|  |   | Amount to be   |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- AP20 Rec'd PTO 21 DEC 2005
- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer Number  
22850

Surinder Sachar  
SIGNATURE

Norman F. Oblon  
NAME

24,618  
REGISTRATION NUMBER

Dec - 21 2005  
DATE

Surinder Sachar  
Registration No. 34,423

10/561814

Docket No. 278164US0PCT

IN RE APPLICATION OF: Yasumi UCHIDA, et al.

SERIAL NO: New U.S. PCT Application Based on PCT/JP03/08034

FILED: Herewith

IAP20100101 00:00:00 01 DEC 2005

FOR: EXTERNAL PREPARATION FOR IMPROVING COITAL FUNCTION

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Transmitted herewith is an amendment in the above-identified application.

- ☒ No additional fee is required
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- ☒ Additional documents filed herewith: PCT Transmittal Letter/Application Data Sheet/Drawings (7 sheets)  
English Translation of Specification/Preliminary Amendment/PCT/IB/308/Declaration  
Information Disclosure Statement/Form PTO-1449/References Cited (6)  
International Search Report/Letter Regarding Claim to Small Entity Status  
Statement Under 37 CFR 3.73 (b) (with attached copy of Assignment)  
General Power of Attorney/Credit Card Payment Form for \$730.00

The Fee has been calculated as shown below:

| CLAIMS      | CLAIMS<br>REMAINING |  | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID | NO.<br>EXTRA<br>CLAIMS | RATE      | CALCULATIONS |
|-------------|---------------------|--|---|------------------------|-----------|--------------|
| TOTAL       | 16                  | MINUS  | 20                                      | 0                      | x \$50 =  | \$0.00       |
| INDEPENDENT | 4                   | MINUS  | 4                                       | 0                      | x \$200 = | \$0.00       |
|             |                     | <input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS                   |   |                        | + \$360 = | \$0.00       |
|             |                     | TOTAL OF ABOVE CALCULATIONS  |   |                        |           | \$0.00       |
|             |                     | <input type="checkbox"/> Reduction by 50% for filing by Small Entity |   |                        |           | \$0.00       |
|             |                     | <input type="checkbox"/> Recordation of Assignment                   |   |                        | + \$40 =  | \$0.00       |
|             |                     | TOTAL  |   |                        |           | \$0.00       |

- ☐ A check in the amount of **\$0.00** is attached.
- ☐ Credit card payment form is attached to cover the fees in the amount of **\$0.00**.
- ☒ Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- ☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Norman F. Oblon

Registration No. 24,618

Customer Number

22850

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(OSMMN 05/03)

Surinder Sachar

Registration No. 34,423

10/561814

IAP20R3J101P10 21 DEC 2005

DOCKET NO.: 278164US0PCT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Yasumi UCHIDA, et al.

SERIAL NO.: NEW U.S. PCT APPLICATION

FILED: HEREWITH

INTERNATIONAL APPLICATION NO.: PCT/JP03/08031

INTERNATIONAL FILING DATE: June 25, 2003

FOR: EXTERNAL PREPARATION FOR IMPROVING COITAL FUNCTION

**LETTER REGARDING CLAIM TO SMALL ENTITY STATUS**

COMMISSIONER FOR PATENTS

Alexandria, VA 22313

SIR:

Applicant(s) hereby give notice that Small Entity Status is claimed in the above-identified application.

Respectfully submitted,  
OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



Norman F. Oblon  
Attorney of Record  
Registration No. 24,618  
Surinder Sachar  
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